

INDUCTIVE DEVICE AND METHODS FOR ASSEMBLING SAME

ABSTRACT OF THE DISCLOSURE

5 An inductive device (200) that includes a core (210) configured so as to be
a closed loop and at least one coil (220) around the core, and methods for
assembly. The coil is formed from a material having a cross-section with an
aspect ratio of a first dimension to a second adjacent dimension, with the first
dimension being longer than the second dimension, wherein the coil is
10 positioned around the core such that the first dimension is essentially normal to
the core. In one embodiment the core includes a removable core section to
enable assembly of the inductive device by slidably placing the coil onto the
core through an opening formed in the core by removing the core section. In
another embodiment, the coil is rotated to cause it to wind around the core.

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